

GJB3 Rabbit pAb

Catalog No.: A2949

Basic Information

Observed MW

31kDa

Calculated MW

31kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene can cause non-syndromic deafness or erythrokeratoderma variabilis, a skin disorder. Alternative splicing results in multiple transcript variants encoding the same protein.

Recommended Dilutions

WB 1:2000 - 1:50000

Immunogen Information

Gene ID

2707

Swiss Prot

O75712

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GJB3 (NP_076872.1).

Synonyms

EKV; CX31; DFNA2; EKVP1; DFNA2B; GJB3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

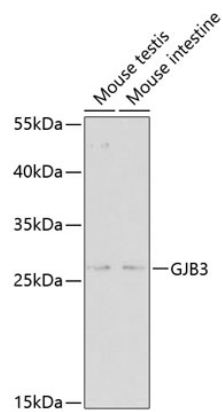
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GJB3 antibody (A2949) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).